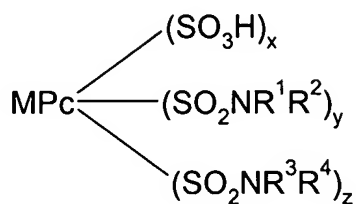


IN THE CLAIMS

1. (original): A composition comprising:

(a) a major dye component which is a mixture of phthalocyanine dyes of Formula (1) and salts thereof:

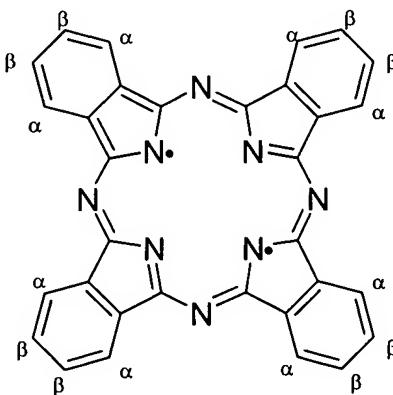


Formula (1)

wherein:

M is Cu or Ni;

Pc represents a phthalocyanine nucleus of formula



$\text{R}^1$ ,  $\text{R}^2$  and  $\text{R}^3$  independently are H or optionally substituted  $\text{C}_{1-4}$ alkyl;

$\text{R}^4$  is optionally substituted  $\text{C}_{1-4}$ -hydroxyalkyl;

x is 0.1 to 3.8;

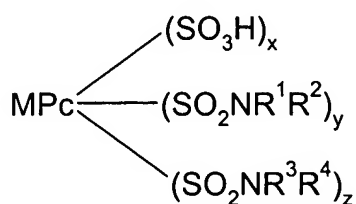
y is 0.1 to 3.8;

z is 0.1 to 3.8;

the sum of (x+y+z) is 4; and  
the substituents, represented by x, y and z, are attached to a  $\beta$ -position on the phthalocyanine ring; and  
(b) a liquid medium which comprises water, water and an organic solvent or an organic solvent free from water.

2. (original): A composition according to claim 1 comprising:

(a) a major dye component which is a mixture of phthalocyanine dyes of Formula (1) and salts thereof:

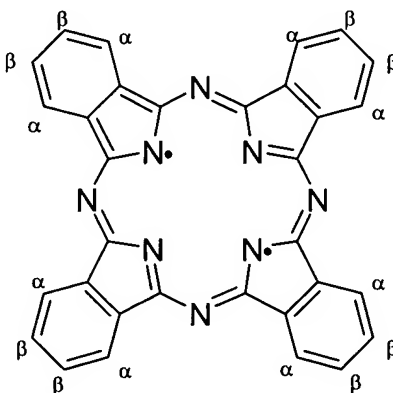


Formula (1)

wherein:

M is Cu or Ni;

Pc represents a phthalocyanine nucleus of formula



$\text{R}^1$ ,  $\text{R}^2$  and  $\text{R}^3$  independently are H or optionally substituted  $\text{C}_{1-4}$ alkyl;  
 $\text{R}^4$  is optionally substituted  $\text{C}_{1-4}$ -hydroxyalkyl;

x is 0.1 to 3.8;

y is 0.1 to 3.8;

z is 0.1 to 3.8;

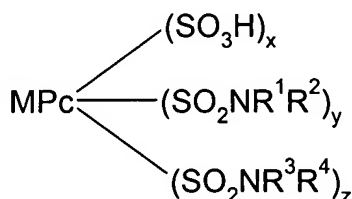
the sum of (x+y+z) is 4;and

the substituents, represented by x, y and z, are attached only to a  $\beta$ -position on the phthalocyanine ring and the mixture of phthalocyanine dyes of Formula (1) are obtainable by a process which comprises cyclisation of appropriate  $\beta$  substituted phthalic acid, phthalonitrile, iminoisoindoline, phthalic anhydride, phthalimide or phthalamide in the presence of a suitable nitrogen source (if required), a copper or nickel salt and a base; and

(b) a liquid medium which comprises water, water and an organic solvent or an organic solvent free from water.

3. (original): A composition according to claim 1 comprising:

(a) a major dye component which is a mixture of phthalocyanine dyes of Formula (1) and salts thereof:

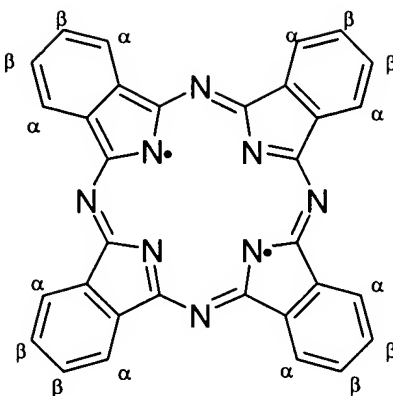


Formula (1)

wherein:

M is Cu or Ni;

Pc represents a phthalocyanine nucleus of formula



$R^1$ ,  $R^2$  and  $R^3$  independently are H or optionally substituted  $C_{1-4}$ alkyl;

$R^4$  is optionally substituted  $C_{1-4}$ -hydroxyalkyl;

x is 0.1 to 3.8;

y is 0.1 to 3.8;

z is 0.1 to 3.8;

the sum of (x+y+z) is 4; and

the substituents, represented by x, y and z, are attached only to a  $\beta$ -position on the phthalocyanine ring and the mixture of phthalocyanine dyes of Formula (1) are obtainable by cyclisation of 4-sulfo-phthalic acid to phthalocyanine  $\beta$ -tetrasulfonic acid, the phthalocyanine  $\beta$ -tetrasulfonic acid is then chlorinated and the sulfonyl chloride groups so formed are reacted with compounds of formula  $HNR^1R^2$  and  $HNR^3R^4$ ; and

(b) a liquid medium which comprises water and an organic solvent or an organic solvent free from water.

4. (currently amended): A composition according to ~~any one of the preceding claims~~ claim 1 wherein  $R^1$ ,  $R^2$  and  $R^3$  independently are H or methyl.

5. (currently amended): A composition according to ~~any one of the preceding claims~~ claim 1 wherein  $R^4$  is unsubstituted  $C_{1-4}$ -hydroxyalkyl.

6. (currently amended): A composition according to ~~any one of the preceding claims~~ claim 1 wherein  $R^1$ ,  $R^2$  and  $R^3$  are all H and  $R^4$  is  $-CH_2CH_2OH$ .

7. (currently amended): A composition according to ~~any one of the preceding claims~~ claim 1 wherein M is Cu.

8. (currently amended): A composition according to ~~any one of the preceding claims~~ claim 1 wherein x is less than 1.

9. (currently amended): A composition according to ~~any one of the preceding claims~~ claim 1 wherein at least 70% by weight of the total amount of phthalocyanine dye in said composition is of Formula (1).

10. (currently amended): A composition according to ~~any one of the preceding claims~~ claim 1 wherein at least 90% by weight of the total amount of phthalocyanine dye in said composition is of Formula (1).

11. (currently amended): A composition according to ~~any one of the preceding claims~~ claim 1 which comprises:

- (a) from 0.1 to 20 parts of compounds of Formula (1); and
- (b) from 80 to 99.9 parts of a liquid medium;

wherein all parts are by weight and the number of parts of (a)+(b)=100.

12. (currently amended): A composition according to ~~claim 20~~ claim 1 which comprises:

- (a) from 0.5 to 15 parts of compounds of Formula (1); and
- (b) from 85 to 99.5 parts of a liquid medium;

wherein all parts are by weight and the number of parts of (a)+(b)=100.

13. (currently amended): A composition according to ~~claim 20~~ claim 1 which comprises:

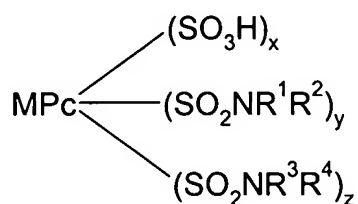
- (a) from 1 to 5 parts of compounds of Formula (1); and
- (b) from 95 to 99 parts of a liquid medium;

wherein all parts are by weight and the number of parts of (a)+(b)=100.

14. (currently amended): A composition according to ~~any one of the preceding claims~~ claim 1 wherein the liquid media may contain additional components conventionally used in ink-jet printing inks.

15. (currently amended): A composition according to ~~any one of the preceding claims~~ claim 1 which is an ink suitable for use in an ink-jet printer.

16. (original): A mixture of dyes of Formula (2) and salts thereof:

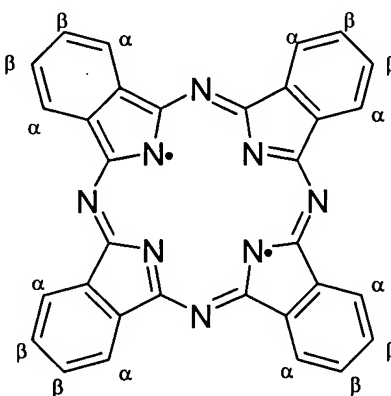


Formula (2)

wherein:

M is Cu or Ni;

Pc represents a phthalocyanine nucleus of formula



$\text{R}^1$ ,  $\text{R}^2$  and  $\text{R}^3$  independently are H or optionally substituted  $\text{C}_{1-4}$ alkyl;

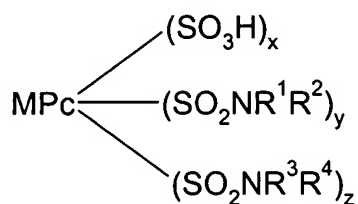
$\text{R}^4$  is optionally substituted  $\text{C}_{1-4}$ -hydroxyalkyl;

x is 0.1 to 3.8;

y is 0.1 to 3.8;

z is 0.1 to 3.8;  
the sum of (x+y+z) is 4;and  
the substituents, represented by x, y and z, are attached to a  $\beta$ -position on the phthalocyanine ring.

17. (original): A mixture of dyes according to claim 16 of Formula (2) and salts thereof:

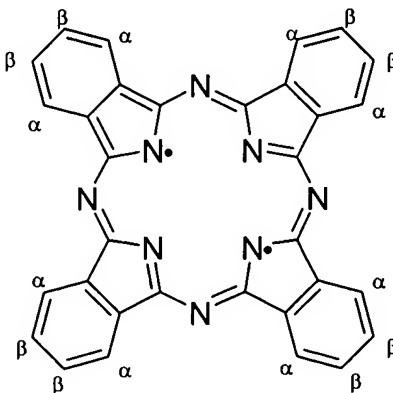


Formula (2)

wherein:

M is Cu or Ni;

Pc represents a phthalocyanine nucleus of formula



$\text{R}^1$ ,  $\text{R}^2$  and  $\text{R}^3$  independently are H or optionally substituted  $\text{C}_{1-4}$ alkyl;

$\text{R}^4$  is optionally substituted  $\text{C}_{1-4}$ -hydroxyalkyl;

x is 0.1 to 3.8;

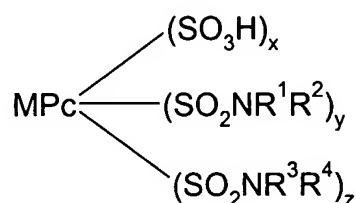
y is 0.1 to 3.8;

z is 0.1 to 3.8;

the sum of (x+y+z) is 4;and

the substituents, represented by x, y and z, are attached only to a  $\beta$ -position on the phthalocyanine ring and the mixture of phthalocyanine dyes of Formula (1) are obtainable by a process which comprises the cyclisation of appropriate  $\beta$  substituted phthalic acid, phthalonitrile, iminoisoindoline, phthalic anhydride, phthalimide or phthalamide in the presence of a suitable nitrogen source (if required), a copper or nickel salt and a base.

18. (original): A mixture of dyes according to claim 16 of Formula (2) and salts thereof:

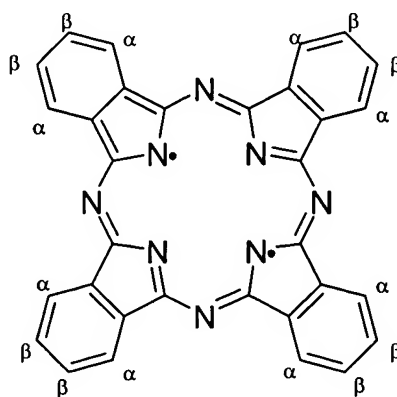


Formula (2)

wherein:

M is Cu or Ni;

Pc represents a phthalocyanine nucleus of formula



$\text{R}^1$ ,  $\text{R}^2$  and  $\text{R}^3$  independently are H or optionally substituted  $\text{C}_{1-4}$ alkyl;

$\text{R}^4$  is optionally substituted  $\text{C}_{1-4}$ -hydroxyalkyl;

x is 0.1 to 3.8;

y is 0.1 to 3.8;

z is 0.1 to 3.8;



the sum of (x+y+z) is 4;and

the substituents, represented by x, y and z, are attached only to a  $\beta$ -position on the phthalocyanine ring and the mixture of phthalocyanine dyes of Formula (1) are obtainable by cyclisation of 4-sulfo-phthalic acid to phthalocyanine  $\beta$ -tetrasulfonic acid, the phthalocyanine  $\beta$ -tetrasulfonic acid is then chlorinated and the sulfonyl chloride groups so formed are reacted with compounds of formula  $\text{HNR}^1\text{R}^2$  and  $\text{HNR}^3\text{R}^4$ .

19. (currently amended): A mixture of dyes according to ~~any one of claims 16 to 18~~ claim 16 wherein  $\text{R}^1$ ,  $\text{R}^2$  and  $\text{R}^3$  are all H and  $\text{R}^4$  is  $-\text{CH}_2\text{CH}_2\text{OH}$ .

20. (currently amended): A mixture of dyes according to ~~any one of claims 16 to 19~~ claim 16 wherein x is less than 1.

21. (original): A process for forming an image on a substrate comprising applying an ink suitable for use in an ink-jet printer, as described in claim 15, thereto by means of an ink-jet printer.

22. (currently amended): A material printed with ~~a composition according to any one of claims 1 to 15, dyes according to any one of claims 16 to 20, or by a process according to claim 24~~ a mixture of dyes according to claim 16.

23. (currently amended): A material ~~according to claim 22~~ which is a photograph printed using a process according to claim 21.

24. (original): An ink-jet printer cartridge comprising a chamber and an ink wherein the ink is in the chamber and the ink is as defined in claim 15.